

WHAT IS CLAIMED IS:

1. A cranial massage helmet comprising:
a housing having an inner surface and an outer surface;
a plurality of tracks attached to said inner surface;
at least one wheel resiliently mounted on each of said tracks and movable along said tracks; and
at least one motor for independently driving each of said wheels.
2. The helmet according to claim 1 further comprising a rack mounted on each of said tracks
3. The helmet according to claim 1 wherein each of said wheels is mounted in a wheel carrier.
4. The helmet according to claim 1 wherein said tracks cover most of the acupressure points on the human head.
5. The helmet according to claim 1 further comprising:
cushioning foam attached to said inner surface between said plurality of tracks; and
a liner positioned over said foam and said wheels.
6. The helmet according to claim 1 further comprising a chinstrap to secure said helmet on the head of a user.
7. The helmet according to claim 1 wherein said motors are stepper motors.

8. The helmet according to claim 7 wherein said stepper motors impart forward, backward and oscillating movement to said wheels.
9. The helmet according to claim 3 wherein said wheel carrier comprises:
 - a mounting frame attached to said track;
 - a suspension frame slidably mounted to said mounting frame; and
 - a spring mounted to said suspension frame for imparting upward and downward movement to said wheel.
10. The helmet according to claim 1 further having a plurality of earphones attached to said inner surface.
11. The helmet according to claim 1 further comprising a controller for controlling said motors.
12. The helmet according to claim 11 wherein said controller comprises:
 - a housing;
 - a display on said housing;
 - a power switch on said housing;
 - control buttons on said housing; and
 - a control system mounted within said housing.
13. The helmet according to claim 12 wherein said control system comprises:
 - a control card having a central processing unit and memory;
 - a programmed logic controller for receiving input from said control card;
 - a plurality of drive cards for receiving input from said programmed logic controller and providing output to said motors; and
 - a sound circuit for receiving input from said control card.
14. The helmet according to claim 13 wherein said sound circuit comprises:
 - an amplifier for outputting audio from said controller;

a plurality of audio sound events stored in said memory, said memory coupled to said amplifier; and

a radio receiver mounted within said housing and coupled to said amplifier.

15. The helmet according to claim 11 further comprising a junction box on said outer surface.

16. The helmet according to claim 15 further comprising a wire for transmitting power and data to between said controller and said junction box.

17. The helmet according to claim 12 wherein said control buttons comprise:
a menu/select button;
a scroll up button; and
a scroll down button.

18. The helmet according to claim 13 wherein said control system enables the selection of a plurality of massage modes.

19. The helmet according to claim 18 wherein said massage modes include unison, random, point massage, timer and pause.

20. The helmet according to claim 14 wherein said control system enables the selection of a plurality of audio events.